

AMENDMENT TO THE SPECIFICATION

Please rewrite the paragraph starting at page 11, line 10, as follows:

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Turning now to Figures 1a, 1b, 1c, 1d, and 1e, a first embodiment of a personal wearable speaker system 10 of the invention is shown attached to a garment 12. The speaker system 10 has a plurality of tubular ducts 14 coupled to the garment 12, and a plurality of sound transducers 16 coupled to the ducts 14. The garment 12 is a jacket having a front 18 formed as a first front panel 20 and a second front panel 22, a back 24, a pair of shoulders 26 formed at the junction of the front 18 and back 24, a pair of sleeves 28, a wasteband 30, and a collar 32. A zipper type fastener 34 sewn onto the jacket 12 detachably connects the front panels 20, 22. The speaker system 10 includes a first duct 14a defining a first chamber 38a, a second duct 14b defining a second chamber 38b, and a third duct 14c defining a third chamber 38c. Preferably, the ducts 14a, 14b, 14c are formed from a flexible material such as polyethylene, PVC, or ABS which will allow them to bend and flex with the garment 12 as the garment 12 bends and folds so that they are comfortable to wear as a wearer moves. Each of the ducts 14a, 14b, 14c has a first end 40a, 40b, 40c and a second end 42a, 42b, 42c. An aperture 44 or hole which receives a transducer 16 is provided at or near each of the ends 40, 42 of the ducts. Each of the ducts 14a, 14b, 14c has a set of dimensions including a first dimension or length 46, a second dimension or width 48 which is perpendicular to the length 46, and a third dimension or height 50 which is perpendicular to both the length 46 and the second dimension 48. Each of the ducts 14a, 14b, 14c has a width to height ratio of not more than approximately three to one or a height of at least .25 inches. The width to height

B ratio of the flexible ducts helps prevent the chambers 38a, 38b, 38c from being pinched off as the ducts 14a, 14b, 14c bend and flex, thereby preventing an otherwise adverse ~~effect to~~ effect on the sound quality output from the speaker system 10. In the first embodiment of the invention, the width and height dimensions of the first duct 14a are smaller than the width and height dimensions of the second and third ducts 14b, 14c, while ducts 14b, 14c have substantially identical dimensions. In the first embodiment, the dimensions of the first duct 14a are preferably .5 inches by one inch by fifteen inches and the dimensions of the second and third ducts 14b, 14c are preferably one inch by three inches by twenty inches. Transducers of different thicknesses are accommodated by having a raised portion around the driver.

Please rewrite the paragraph starting at page 16, line 15, as follows:

B2 A second embodiment of a personal wearable speaker system 110 which is substantially similar to the first embodiment 10 (with like parts having reference numerals incremented by 100), is shown in Figures 2a, 2b, 2c, and 2d. The second embodiment of the speaker system 110 is shown on a garment 112 and includes three tubular ducts 114a, 114b, 114c coupled to the garment 112, and three pair of sound transducers 116. Each of the ducts 114a, 114b, 114c has a first end 140a, 140b, 140c and a second end 142a, 142b, 142c, and each defines a chamber 138 therebetween. The sound transducers 116 are mounted in the ends 140b, 140c, and 142b, 142c of the first and second ducts 114b, ~~114b~~ 114c. In the second embodiment, it is preferable that the first duct 114a be smaller than the second and third ducts 114b, 114c and the second and third ducts 114b, 114c be substantially similar in size and shape. The dimensions of the

b2 first duct 114a are preferably .5 inches by one inch by fifteen inches, and the dimensions of the second and third ducts 114b, 114c are preferably two inches by two inches by twenty inches.

Please rewrite the paragraph starting at page 17, line 19, as follows:

b3 The first duct 114a of the second embodiment is preferably formed in or on the collar 132 of the jacket 112. The second and third ducts 114b, 114c cross from the front 118 to the back 124 of the jacket 112 across the shoulders 126 of the jacket 112. According to the second embodiment 110, all of the tubular ducts 114 are substantially cylindrical and have substantially circular cross-sections along their length 146. Therefore, the width and height dimensions (~~or tube diameters~~) of the ducts are substantially equivalent; i.e. each duct 114 may ~~has~~ have a one to one width to height ratio. Sound transducers 116 mounted in the open ends 140, 142 in the first duct 114a direct soundwaves outward toward the ears of a wearer. Sound transducers 116 mounted in the open ends 140, 142 of the second and third ducts 114b, 114c project soundwaves inward toward a body of the wearer which imparts a vibrational component to the body of the wearer. The sound transducers 116 are mounted within the open ends 140, 142 of the ducts 114 by adhesive, double sided tape, pins, clips, or other such device or mechanism applied to the face plate 139 such that the transducer is securely held within the open ends even when the flexible duct is bent or flexed. Alternately, the sound transducers may be secured within the ends by friction fit. The vibrational component to the wearer of sound generated by the sound transducers 116 may further be enhanced and the sound transducers 116 protected by providing the jacket 112 with a perforated

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membrane 154 instead of a fabric lining at the location on the garment 112 adjacent the sound transducers 116. According to the second embodiment, sound ports 170 are defined in both the second and third ducts 114b, 114c near the shoulders 126 of the jacket 112. The sound ports 170 relieve back pressure from within the chambers 138 of the ducts 114 and vent soundwaves outward toward an ear of the wearer. In addition, the sound ports increase the low frequency output of the system.
